

### **Abstract**

**[0044]** The invention relates to a constant velocity ball joint in the form of a counter track joint, comprising an outer joint part with outer tracks, an inner joint part with inner tracks, torque transmitting balls received in pairs of tracks formed of outer tracks and inner tracks which are outwardly curved with reference to the longitudinal joint axis, and a ball cage with cage windows in which the balls are held in a common plane and guided on to the angle-bisecting plane when the joint is articulated. First outer tracks, together with first inner tracks, form first pairs of tracks whose first control angles open in a first axial direction and in which first balls are held. Second outer tracks, together with second inner tracks, form second pairs of tracks whose control angles open in a second axial direction and in which second balls are held, with the control angles being defined as angles between the tangents at the ball contact points in the pairs of tracks. The outer joint part and the inner joint part are axially displaceable relative to one another. The first control angle and the second control angle change in opposite senses when a relative axial displacement occurs. The axial displacement path is limited to observing a minimum value of at least  $8^\circ$  for the respective smaller control angle.